

ABDULLAYEV, Kh.M.; ALYAVDIN, V.F.; AMIRASLANOV, A.A.; ANIKEYEV, N.P.;
 ARAPOV, Yu.A.; BARSANOV, G.P.; BELYAYEVSKIY, N.A.; BOKIY, G.P.;
 BORODAYEVSKAYA, M.B.; GOVOROV, I.N.; GODLEVSKIY, M.N.; SHCHEGLOV, A.D.;
 SHAKHOV, F.N.; SHILO, N.A.; YARMOLYUK, V.A.; DRABKIN, I.Ye.;
 YEROFEYEV, B.N.; YERSHOV, A.D.; IVANKIN, P.F.; ITSIKSON, M.I.;
 KARPOVA, Ye.D.; KASHIN, S.A.; KASEKAY, M.A.; KORZHINSKIY, D.S.;
 KOSOV, B.M.; KOTLYAR, V.N.; KREYTER, V.M.; KUZNETSOV, V.A.; LUGOV,
 S.F.; MAGAK'YAN, I.G.; MATERIKOV, M.P.; ODI NISOV, M.M.; PAVLOV, Ye.S.;
 SATPAYEV, K.I.; SMIRNOV, V.I.; SOBOLEV, V.S.; SOKOLOV, G.A.; STRAKHOV,
 N.M.; TATARINOV, I.M.; KHRUSHCHOV, N.A.; TSAREGRADSKIY, V.A.;
 CHUKHROV, F.V.

In memory of Oleg Dmitrievich Levitskii; obituary. Sov.geol. 4
 no.5:156-158 My '61. (MIRA 14:6)
 (Levitskii, Oleg Dmitrievich, 1909-1961)

S/169/63/000/002/060/127
D263/D307

AUTHOR: Kosov, B. M.

TITLE: The more important results of exploratory geological studies in Siberia and perspectives for their development

PERIODICAL: Referativnyy zhurnal, Geofizika, no. 2, 1963, 3, abstract 2D17 (Sov. geologiya, 1962, no. 4, 3-14)

TEXT: Medium scale geological surveys covered the mountain region of Altayskiy territory, Kemerovskaya district, South Krasnoyarskiy territory, the Irkutskaya province, Yeniseyskiy Ridge, the southern regions of Transbaykal, Aldanskiy Shield, and the eastern part of the Siberian platform. Medium scale aeromagnetic surveys have been carried out, as well as more detailed geophysical studies of promising areas. A series of large and rich deposits and promising areas have been found. One of the most important achievements was the discovery of industrial oil deposits in West Siberian and

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The more important ...

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Priverkhoyano-Vilyuyskaya oil- and gas-bearing areas. In the West Siberian lowlands were discovered 10 gas fields, the biggest of these being the Chuel'skoye, Pakhromskoye, and Igrimskoye deposits (holding 10 - 12 milliard m³ each). An oil deposit (Shaimskoye) was also found in this region, and industrial oil tributaries were obtained in the Mulym'inskaya and Martym'inskaya structures. Megionskoye and Ust'-Balykskoye oil deposits were found in the central part of the lowlands. The established oil capacity of the chalk deposits considerably improves the perspectives of exploratory searches in the regions of West Siberian lowlands. On the boundary of the Vilyuyskaya syncline and the Priverkhoyanskiy depression were studied the Ust'-Vilyuyskoye (26 milliard m³) and Sobo-Khainskoye deposits of gas. Reliable premises for the discovery of oil and gas deposits were obtained in Yakutskaya SSR. Large perspectives for the search for fat coking coals were found to exist in Kuzbassa, in connection with the discovery of large coal-bearing areas, such as the Zapadno-Terenskinskaya area and the Ubinskoye, Tar'sminskoye, Kamenskoye and Chicherbayevskoye deposits. The entire Kuzbassa coking coal deposits, assessed over the pro-

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missing areas to a depth of 600 m, amount to 21 milliard tons. In the Kansk-Achinsk basin the Itatskoye, Nazarovskoye, and Borodinskoye coal deposits have been prepared for working, similarly the Mugunskoye brown coal and other deposits in the Irkutsk region, and Olon'-Shibirskoye and Nikol'skoye stone coal and other deposits in the Transbaykal. A survey of the Chul'makanskoye and Neryunggrinskoye deposits has now been completed in the Aldano-Chulmansk region. The known Siberian reserves of rich and fairly rich iron ores increased from 2.6 milliard tons in 1959 to 3.4 milliard tons in 1961; the most important appears to be the Altay-Sayanskiy region, where the extent of known deposits has considerably increased and a number of new deposits have been prepared, among them the Altay and East Sayansk groups of magnetites. New promising deposits were discovered in South Krasnoyarskiy territory (Kudinskoye, Beryabinskoye, etc.), in the Buryatskaya ASSR, and in Irkutskaya province. As a result the prospecting for lead ores in the Yeniseyskiy Ridge and in the northern Baykal region, the perspectives of the Nerchinsko-Zavodskiy district have been increased.

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D26/D307

The more important ...

The discovery of a Cu-Ni deposit near Noril'sk, 1961, is of very great importance; ore formations of this type were also found in other regions of the western part of the Siberian platform and in the northern Baykal region. Silicate Ni ores were observed in Salsair. A wide distribution of Mesozoic bauxite-bearing weathered strata, of the platform type, has been established in the Siberian platform. In the Chadobetskoye anticlinal depression, the overall bauxite-bearing area stretches over a few hundred square kilometers. Kiya-Shaltyrskiy nepheline ores (iolite-urtite rocks) have been discovered and prospected, and a number of analogous parts have been found. The Udokanskoye deposit of cupriferous sandstones in the Transbaykal assumes considerable importance in increasing the extraction of copper. Carbonate massifs bearing niobium and phosphate ores have been discovered, and studied in regions surrounding the Siberian platform. The demand for titanium and zirconium ores may be satisfied by working the Lower Cretaceous and Jurassic placers on the western and eastern boundaries of the platform. A number of new rich gold placers has been found, and the most promising areas have been marked for prospecting for funda-

Card 4/5

S/169/63/000/002/060/127
D263/1307

The more important ...

mental deposits. A new fundamental deposit of diamonds has been found in the Siberian platform, at Aykal, with accompanying placers. A complex rare metal - apatite deposit was discovered during the exploration of the East Sayany carbonates, which may satisfy the superphosphate requirements of Siberia. New phosphorite-bearing regions were found in Gornaya Shoriya, and in South Krasnoyarskiy territory, in Eastern Sayany. The growth of the resources of mica has increased by a factor of at least 2, chiefly in the Mamsko-Chuyskiy region. It was found possible to extend the boundaries of the phlogopite-bearing region within the Aldanskiy shield, where some new industrially important deposits were discovered and explored. [Abstracter's note: Complete translation.]

Card 5/5

KOSOV, B.M.

Results and problems of geological prospecting in Siberia. Razved.i
okh. nedr 29 no.1:1-8 Ja '63. (MIRA 16:2)

1. Glavnoye upravleniye gedlogii i okhrany nedr pri Sovete
Ministrov RSFSR,

(Siberia--Prospecting)

BELIAYEVSKIY, N.A., red.; ALI-ZADE, A.A., red.; ALIYEV, M.M., red.;
BAKIROV, A.A., red.; BELOUSOV, V.V., red.; BEUS, A.A., red.;
BOGDANOV, A.A., red.; BORISOV, A.A., red.; BRENNER, M.M.,
red.; DYUKOV, A.I., red.; YERSHOV, A.D., red.; ZARIDZE, G.M.,
red.; KALUGIN, A.S., red.; KOSOV, B.M., red.; KOPTEV-
DVORNIKOV, V.S., red.; KOTLYAR, V.N., red.; LUGOV, S.F., red.;
MAGAK'YAN, I.G., red.; MARINOV, N.A., red.; MARKOVSKIY, A.P.,
red.; MALINOVSKIY, F.M., red.; PUSTOVALOV, L.V., red.; SATPAYEV,
K.I., red.; SEMENENKO, N.P., red.; TYZHNOV, A.V., red.;
KHRUSHCHOV, N.A., red.; SHCHEGOLEV, D.I., red.; YARMOLYUK, V.A.,
red.

[Materials on regional tectonics of the U.S.S.R.] Materialy po
regional'noi tektonike SSSR. Moskva, Izd-vo "Nedra," 1964. 193 p.
(MIRA 17:4)

1. Russia (1923- U.S.S.R.) Gosudarstvennyy geologicheskii ko-
mitet.

KOSOV, B.M.; MOLCHANOV, I.I.

Evaluating the efficiency of geological prospecting. Review. 1
okh. nedr. 30 no.11:29-36 N '64. (MIRA 18:4)

1. Gosudarstvennyy geologicheskly komitet RSFSR.

VASIL'YEV, V.V.; VRONSKIY, B.I.; YEROFYEV, B.N.; KECHEK, G.A.; KOSOV, B.M.;
TUPITSYN, N.V.; TSAREGRADSKIY, V.A.; SHATALOV, Ye.T.

Sergei Dmitriyevich Rakovskii, obituary. Geol.rud.mestorozh.
no.3:133-134 My-Je '62. (MIRA 15:6)
(Rakovskii, Sergei Dmitrievich, 1899-1962)

9(6), 7(1)

SOV/119-59-2-12/17

AUTHOR:

Kosov, B. Ye., Engineer

TITLE:

Photophonstimulator FFS-01 (Fotofonostimulyator FFS-01)

PERIODICAL:

Priborostroyeniye, 1959, Nr 2, pp 27 - 28 (USSR)

ABSTRACT:

By means of the apparatus FFS-01 both optically and acoustically different frequencies can be generated, the intensity and impulse length of which can be controlled. The apparatus is used in electrophysiology for brain investigations. The apparatus may be used for diagnosis, for the detection of ulcers and for the determination of the primary or secondary state of epilepsy. The technical characteristics of the device are: acoustic oscillations of 200, 500, 1000, 2000, and 4000 cycles (accuracy $\pm 5\%$) can be generated. The duration of an acoustic impulse is inversely proportional to the frequency. The intensity range of the acoustical impulse reaches from 0 to 100 dB, the single adjustable steps amount 10 dB. Each step is controllable from 0-10 dB. As sound emitter a dynamic loud speaker type 2-GD-II(2w) is used. Moreover, by means of this FFS-01 it is possible to generate a light excitation of 1-100 cycles within three

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maximum wave lengths as flashes: in blue light 480 mμ, in green 530 mμ, in yellow 580 mμ and in red light 650 mμ. The absorption coefficient of all light filters is 0.5. b) a light meter type Yu-16. The apparatus is delivered in

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000825130002-0"

and a mobile tripod of a height of 1700 mm. There is 1 figure. The FFS-01 Photophonstimulator was developed by the "Biofizpribor" Design-Technical Office as specified by the needs of the Institute of Neuro-surgery in. Burdenko.

Card 2/2

KOSOV, David Grigor'yevich; YARTSEV, N., red.; KUZNETSOVA, A., tekhn. red.

[Cheaper and better] Deshevle i luchshe. Moskva, Moskovskii rabo-
chii, 1961. 31 p. (MIRA 14:11)

(Electrostal'--Steel industry)

KOSOV, F.F.

Fully utilize the possibilities for reducing the cost of railroad electrification. Elek. i tepl. tiaga 2 no.3:1-5 Mr '58. (MIRA 11:4)

1. Nachal'nik Transelektroproyekta.
(Railroads--Electrification--Costs)

KOSOV, F.F.; KRASOVSKIY, Ye.S.; DAVYDOV, V.N.

Problems of railroad electrification on single-phase current.
Transp.stroi. 12 no.7:10-13 J1 '62. (MIRA 16:2)

1. Nachal'nik Gosudarstvennogo proyektno-izyskatel'skogo instituta po proyektirovaniyu elektrifikatsii dorog i energeticheskikh ustanovok (for Kosov). 2 Nachal'nik tekhnicheskogo otdela Gosudarstvennogo proyektno-izyskatel'skogo instituta po proyektirovaniyu elektrifikatsii dorog i energeticheskikh ustanovok (for Krasovskiy). 3. Glavnyy spetsialist Gosudarstvennogo proyektnoizyskatel'skogo instituta po proyektirovaniyu elektrifikatsii dorog i energeticheskikh ustanovok (for Davydov).
(Railroads--Electrification)

KOSOV, I.; KLEYNshVAG, R.

Introducing stationary machinery in enterprises of Stalingrad and Saratov Cereal Products Administrations. Muk.-elev. prom. 27 no.1:6-8 Ja '61. (MIRA 14:1)

1. Zamestitel' nachal'nika Stalingradskogo upravleniya khleboproduktov (for Kosov).
2. Nachal'nik tekhnicheskogo otdela Saratovskogo upravleniya khleboproduktov (for Kleynshvag).
(Stalingrad Province—Grain elevators)
(Saratov Province—Grain elevators)

GINDIN, Ye.Z.; LHYKIN, G.A.; LOZINSKIY, A.M.; MASWICH, A.G.; AL'PERT, Ya.I.;
CHUDSENKO, M.F.; SHAPIRO, B.S.; GALKIN, A.M.; GORLOV, O.G.; KOTOVA,
A.P.; KOSOV, I.I.; PETROV, A.V.; SEROV, A.D.; CHERNOV, V.N.;
YAKOVLEV, V.I.; MIKHAYLOV, A.A., otvetstvennyy red.; BEN'KOVA, N.P.,
doktor fiz.-mat. nauk, otvetstvennyy red.; SILKIN, B.I., red.;
PODOL'SKIY, A.D., red.; PRUSAKOVA, T.A., tekhn. red.

[Preliminary results of the scientific research on the first
Soviet artificial earth satellites and rockets; collection of
articles in the 11th section of the IGY program (rockets and
satellites)] Predvaritel'nye itogi nauchnykh issledovaniy s
pomoshch'yu pervykh sovetskikh iskusstvennykh sputnikov zemli
i raket; sbornik statei (XI razdel programmy MGO - rakety i
sputniki). Moskva, Izd-vo Akad. nauk SSSR, No.1, 1958, 148 p.
(MIRA 11:10)

1. Russia (1923- U.S.S.R.) Mezhdunarodstvennyy komitet po
provedeniyu Mezhdunarodnogo geofizicheskogo goda. 2. Chlen-kor-
respondent AN SSSR (for Mikhaylov).

(Atmosphere, Upper-Rocket observations)
(Artificial satellites)

Kosov, I.I.

6

17.9000

XXXXXX 80814
SOV/169-59-5-5349

Translation from: Referativnyy zhurnal, Geofizika, 1959, Nr 5, p 139 (USSR)

AUTHORS: Galkin, A.M., Gorlov, O.G., Kotova, A.R., Kosov, I.I., Petrov,
A.V., Serov, A.D., Chernov, V.N., Yakovlev, V.I.

TITLE: Investigations of the Vital Activity of Animals When Flying
in Hermetically Sealed Cabins of Rockets up to a Height of
212 km 3 ✓

PERIODICAL: V sb.: Predvarit. itogi nauchn. issled. o pomoshch'yu pervykh
sov. iskusstv. sputnikov Zemli i raket. Moscow, AS USSR, 1958,
pp 112 - 129 (res. Engl.)

ABSTRACT: Since 1949 systematical medical-biological investigations have
been carried out in the Soviet Union during flights in rockets
into upper layers of atmosphere. As experimental animals dogs
of a weight of 5 - 7 kg were chosen. During the flight, pulse,
blood pressure, and respiration were registered, moreover,
electrocardiograms were taken. During the entire flight, dogs
were continuously filmed. The results of investigations allow
the following conclusions: the conditions in flying with rockets

Card 1/2

S/726/58/000/001/003/004
E195/E385

AUTHORS: Galkin, A.M., Gorlov, O.G., Kotova, A.R., Kosov, I.I.,
Petrov, A.V., Serov, A.D., Chernov, V.N. and
Yakovleb, V.I.

TITLE: Investigation of the vital activity of animals
during flight in an airtight rocket cabin to an
altitude of 212 km

SOURCE: Predvaritel'nyye itogi nauchnykh issledovaniy s
pomoshch'yu pervykh sovetskikh iskusstvennykh
sputnikov Zemli i raket; sbornik statey. no. 1.
XI razdel programmy MGG (rakety i sputnik). Moscow,
Izd-vo AN SSSR. 112 - 129

TEXT: The behavior of animals during high-altitude flight
in rockets as well as their state of health and changes registered
after the flight have been studied in the USSR since 1949. The
results of investigations carried out on 14 dogs of 5 - 7 kg in
weight are described. Their blood pressure, pulse, respiration,
before, during and after the flight were registered, cardiograms
were made and their behavior during the flight filmed. A short
Card 1/2

1. MURATOV, Kh. I., KOSOV, I. S.
2. USSR (600)
4. Kalakutskii, Nikolai Veniaminovich, 1831-1889
7. "Russian scientist-metallographer N. V. Kalakutskiy." A. YA. Chernyak, D. M. Nakhimov, Reviewed by Kh. I. Muratov, I. S. Kosov. Vest. mash. No. 11 1952.

9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

KOSOV, K. V.

Osnovy metallovedeniia i termicheskaia obrabotka. Moskva, Mashgiz, 1949.
171 p. illus.

Bibliography: p. 152.

Fundamentals of metallography and heat treatment.

DLC: TN672.K6

SO: Manufacturing and Mechanical Engineering in the Soviet Union, Library of
Congress, 1953.

KOSOV, K.V., inzhener.

Heat treatment of V-110 bicycle parts. Vest.mash. 33 no.6:67-70 Je '53.

(MLRA 6:6)

(Metals--Heat treatment)

USSR/Engineering - Cyanidation

Card 1/1 Pub. 128 - 13/26

Authors : Kosov, K. V.

Title : The application of cyanidation in mass production

Periodical : Vest. mash. 2, 62-65, Feb 1954

Abstract : A description is presented of liquid cyanidation methods employed by the Molotov Automobile Plant in Gorkiy for the mass production of automotive components. Graphs and drawings depicting the cyanidation process and types of baths used are presented, together with technical data specifying chemical compositions and methods of heating. Illustrations; diagrams; graphs; drawings.

Institution :

Submitted :

Kosov, K. V.

The use of cyanidation in mass production. K. V. Kosov. *Novye Melody Termichesk. Obrabotki i Rasplavki* (Gorki: Knizhno-Izdatel'skii, 1955, 121-82; Refers: *Zhur., Met.* 1956, Abstr. No. 12525. — For cyanidation to 0.25-mm. depth, baths containing NaCN 25, NaCl 25-40, and Na₂CO₃ 40-50%, are used at 800-50°. The consumption of molten NaCN is 10-15% less than that of the powd. form. Heating under quenching takes place also in the bath with the addn. of 1-10% NaCN. The content of soda in the bath: <60%; the final concentration by periodic addition of NaCN is 1.3-1.5 kg. and of salt with a capacity of 130-150 kg. <1% of the wt. of the salts. Crucibles are used, with exhaust quench tank; forced ventilation from cyanidation takes place by copper-plating, or by thickening to a depth of 0.25 mm. contains NaCN 10, BaCl₂ 50, Speculum baths are coated with bath is suitable for temps. of 800-30°. The activity of the bath is systematically maintained by addn. of NaCN and BaCl₂ once a week. The depth of cyanidation is found to be 0.25-0.30 mm./hr. After cyanidation at 900-20°, oil or air-quenching follows, and reheat and tempering at 780-830°. For bicycle parts of 20 highly active baths proceeds to a depth of 1.5 mm.

C. H. Fuchsman

KOSOV, K.V.

Using advanced methods in heat treatment. Avt.i trakt.prom.
no.4:32-34 Ap '57. (MLRA 10:5)

1.Gor'kovskiy avtozavod imeni Molotova.
(Steel--Heat treatment)

KOSOV, L.P.; LEYBOVICH, D.S.

Industrialization of electric installation work in housing and
public building construction. Prom.energ. 15 no.6:1-6 Je
'60. (MIRA 13:7)

(Building)

(Electric wiring)

TOKOREV, V., gruppovoy mekhanik; KOSOV, M., mekhanik; TRUSHNIKOV, G.,
mekhanik; ZHARINOV, N., mekhanik

Good helper for mechanics ["Refrigerator plants on ships" by
A.G.Aksenov. Reviewed by V.Tokarev and others]. Rech.transp. 20
no.6:30 Je '61. (MIRA 14:6)

1. Teplokhod "Chernyshevskiy."

(Refrigeration on ships)
(Aksenov, A.G.)

KOSOV, N.

BOYKO, N.; KOSOV, N.

Solidarity among workers. Prom.koop. 12 no.4:13-14 Ap '58.
(MIRA 11:4)

1. Predsedatel' pravleniya arteli invalidov im. 5-go dekabrya
Mosgorpromsoвета (for Boyko). 2. Zamestitel' predsedatelya pravleniya
arteli invalidov im. 5-go dekabrya po orgmassovoy rabote i kadram
Mosgorpromsoвета (for Kosov).
(Moscow--Electric industries)

KOSOV, H.

Sprouts of communism. Sov. profsoiuzy 16 no.14:27-29 J1 '60.
(MIRA 13:8)

1. Profgruporg cmeny avtomatno-tokarnogo tsekha 4-go Gosudarst-
vennogo podshipnikovogo zavoda.
(Industrial management)

KOSOV, N.

Moving Picture Projectors

Method of threading film in frames., Kinomekhanika, no. 10, 1951.

Monthly List of Russian Accessions, Library of Congress, May 1951. Uncla filed.

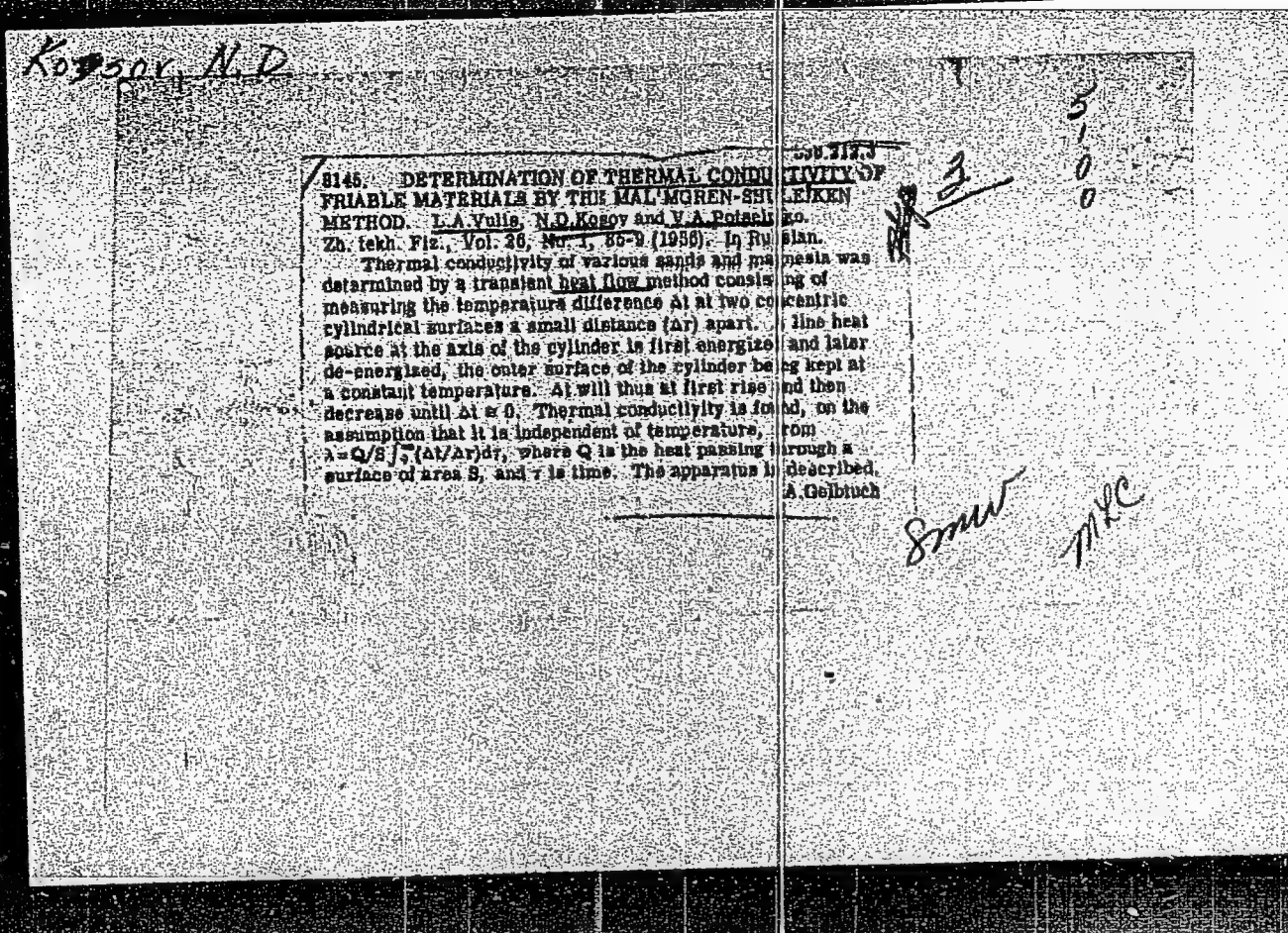
1. KURACHEV, A., PATSURA V., KOSOV, N.
2. USSR (600)
4. Moving-Picture Projection
7. More about the article "Urgent problems"
Kinomekhanik, No.9, 1952

9. Monthly List of Russian Accessions, Library of Congress, January 1953, Unclassified

KOSOV, N.D.; CHERDYNTSEV, V.V.

Emanation of minerals and determination of the absolute geological age.
Biul.Kom.po opr.abs.vozr.geol.form.no.1:22-28 '55. (MIRA 9:10)

1. Kazakhskiy gosudarstvennyy universitet.
(Geological time) (Radioactivity)



KOSOV, N.D.

5(1) PAGE 1 BOOK EXPLOSION 807/859

Madaniya nauk Kazakhskoy SSR, Alma-Ata.

Isledovaniye fizicheskikh i khimicheskikh protsessov pri razryvakh
(Investigation of the Physical and Chemical Processes of
Explosion in Gases and Liquids) Alma-Ata, Izdat AN Kazakhskoy
SSR, 1957. 369 p. 800 copies printed.

Additional Sponsoring Agency: Alma-Ata. Kazakhskiy gosudarstvennyy
universitet im. S.M. Kirova.

Dr. (title page): L.A. Valls, Doctor of Technical Sciences, Profes-
sor, Mi. (inside book): D.M. Glazyrina, Tech. Mi.: Z.P. Korokina.

REMARKS: This book is intended for a wide circle of scientists and
industrial engineers.

CONTENTS: The twenty-nine articles of this collection report on
experimental and theoretical investigations of different physical
phenomena which constitute an integral part of the complex
explosion process. Modern instrumentation engineering equipment,
and also, the entire process of explosion in different types of
burners and furnaces (explosion chambers, jet burners, and
burners with automatic jets of liquids and gases). Articles in Part I treat
laminar and turbulent jets of liquids and compressible gas. Part
II reviews methods of modeling combustion processes (light, hy-
draulic and electrical), enthalpy, temperature measurement, calo-
rimetry, etc. Part III relates to different problems and theories
of fuel combustion and special operational features of combustion
and furnace equipment. No personalities are mentioned.

Valls, L.A., N.D. Kosov, and V.A. Potelnyuk. Determining the
Heat Constants of Poor Heat Conductors 252

Yeremko, A.I., and V.V. Pavlovich. The Temperature Charac-
teristics of Some Kazakhstan Coal Mines 279

Kosov, N.D. Some Methods of Determining the Diffusion Coef-
ficient of Gases 285

Kosov, N.D. The Temperature Dependency of the Diffusion Coef-
ficient of Gases 291

Basina, I.P. Methods of Measuring Flame Temperatures in Heat-
ing Furnaces 297

Valls, L.A., and N.D. Kosov. A New Method of Calorimetric
Measurement 311

Card 5/7

VULIS, L.A., otv.red.; KASHKAROV, V.P., red.; KOSOV, N.D., red.;
PETROVA, N.M., red.; KASHKAROV, L.D., tekhn.red.

[Investigation of transfer processes. Problems of the theory
of relativity] Issledovanie protsessov perenosa. Voprosy
teorii otnositel'nosti. Alma-Ata, 1959. 236 p.

(MIRA 14:2)

1. Alma-Ata. Universitet.

(Relativity (Physics))

(Chemistry, Physical and theoretical)

21021

24. 4/100

8/058/61/000/005/029/050
A001/A101

AUTHOR: Kosov, N.D.

TITLE: The application of the thermal regular mode method to determinations of diffusion coefficient of liquids

PERIODICAL: Referativnyy zhurnal, Fizika, no 5, 1961, 218, abstract 5D25 (V sb. "Issled. protsessov perenosu. - Vopr. teorii otnositel'nosti". Alma-Ata, 1959, 101.- 113)

TEXT: There is a stage of regular mode in diffusion process, analogous to thermal regular mode. Making use of the formulae for thermal regular mode, it is possible to determine diffusion coefficients (D) of liquids from the rate of regular diffusion mass transfer. The values of D for diffusion in water of aqueous solutions of KCl and NaCl determined by the regular mode method agreed with tabular data, and this substantiates the application of this method. The accuracy of the regular mode method amounts on the average to 3% and can be improved by applying interference methods of determining concentrations.

[Abstracter's note: Complete translation.]

Card 1/1

5(4)

AUTHORS:

Kosov, N. D., Rivin, O. V. (Alma-Ata)

SOV/76-33-1-14/45

TITLE:

Determination of the Heat Amount by the Method of Heat-Current Measurement (Opredeleniye kolichestv tepla metodom izmereniya teplovogo potoka)

PERIODICAL:

Zhurnal fizicheskoy khimii, 1959, Vol 33, Nr 1, pp 83-90 (USSR)

ABSTRACT:

A new method for the determination of various formations of heat (dilution-, neutralisation heat, etc.) is described and reference is made to some methodical observations (investigated by means of experiments) on the expediency of the method. For the theoretical explanation of this method it is assumed that the heat is formed in an infinite, heat-insulated cylinder. The heat expands radially and the amount of heat is determined according to Fourier's law (Fur'ye). The sketch of the experimental vessel (Fig 1) shows a calorimeter with a thin-walled test tube (diameter 15.5 mm and height 150 mm) which is surrounded by a paraffin layer (17 mm) and serves as a source of heat. The temperature on the outside of the test tube remains unchanged due to an ultrathermostat TS-15, the temperature difference is measured by means of resistance thermometers (via

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SOV/76-33-1-14/45

Determination of the Heat Amount by the Method of Heat-Current Measurement
 a mirror galvanometer M-25). Small heating elements immersed
 in distilled water in the test tube were used as standard
 sources of heat. The heat emitted was determined according to
 the Joule-Lenz law (Dzhoul-Lents). 2 accumulators of the type
 64-AKN-2,25 fed the measurement bridge of the thermometer.
 Some measurement results of investigations (Tables 2,3) are
 given in which the student V. Zmeykov of the fizmat KazGU
 (Physico-Mathematical Faculty of the Kazakh State University)
 participated (ethanol + water, $H_2SO_4 + H_2O$, $NaOH + H_2SO_4$,
 $KOH + H_2SO_4$). The results show that errors in the experiments
 are of the order of magnitude 1-3% (above 20 cal) and 10-20%
 (below 10 cal). The method described makes it possible to
 determine the thermal heat capacity obtained after reactions
 of substances. This, however, will be mentioned in another
 report. The authors thank Professor L. A. Vulis and Professor
 M. I. Usanovich. There are 2 figures, 4 tables, and 8 Soviet
 references.

ASSOCIATION:
 Card 2/3

Kazakhskiy gosudarstvennyy universitet im. S. M. Kirova
 (Kazakh State University imeni S. M. Kirov)

AUTHORS: Vyshenskaya, V. F. and Kosov, N. D.

TITLE: On the interdependence of diffusion coefficients

PERIODICAL: Referativnyi zhurnal. Stetschnyy vypusk. 42. Silovyye ustanovki, no. 14, 1961, 14, abstract
 42.14.75 (Tr. Kazakhsk. in-ta, no. 2, 1960, 73-76)

APPROVED FOR RELEASE: 06/14/2000

CIA-RDP86-00513R000825130002-0"

TEXT: A formula linking diffusion coefficients for gases in a single expression, is suggested and experi-
 mentally checked.
 [Abstracter's note: Complete translation.]

KOSOV, N. D., and RIVIN, O. V.

"On The New Type of a Calorimeter for Determination of Thermal Constants."

Report submitted for the Conference on Heat and Mass Transfer, Minsk, BSSR, June 1961.

KOSOV, N. D.; RIVIN, O. V.

Calorimeter of a new type for determining thermal constants.
Teplo- i massoper. 1:152-159 '62. (MIRA 16:1)

1. Kazakhskiy gosudarstvennyy universitet im. S. M. Kirova.

(Calorimetry)

L5253

S/862/62/001/000/008/012
E202/E492

6-11-77
17 1159
AUTHORS: Vyshenskaya, V.F., Kosov, N.D.

TITLE: Study of the temperature dependence of the diffusion coefficient of gases

SOURCE: Teplo- i massoperenos. t.1: Teplofizicheskiye kharakteristiki materialov i metody ikh opredeleniya. Ed. by A.V.Lykov and B.M.Smol'skiy. Minsk, Izd-vo AN BSSR, 1962, 181-187

TEXT: This paper comprises a critical review of works carried out in the Kafedra obshchey fiziki (Department of General Physics) at the Kazakh State University under the supervision of Professor L.A.Vulis. Gravimetric and absorptive-freezing out methods are discussed in detail and it is concluded that the former are unsuitable for the determination of the above coefficient where the gases have similar molecular weights, while the latter should not be used when the gases have similar freezing points. A brief review of the temperature dependence of the above diffusion coefficient is also given, including the means of extrapolating for higher temperatures and the use of various empirical relations. The relation of Ye.V.Kuvshinskiy, who found Card 1/2

Study of the temperature ...

S/862/62/001/000/008/012
E202/E492

that the coefficient of mutual diffusion of two gases is proportional to the square root of the product of the coefficients of self-diffusion of these gases, is commented upon. The work is concluded by comparing the Chapman-Enskog formula with experimental data and a formula suggested by the author. These comparisons showed close agreement. Values of the coefficients of diffusion for I₂-CO₂; CO₂-H₂; H₂-N₂; CO₂-N₂ and I₂-N₂ in the temperature ranges from 179 to 1002, 20 to 810, 20 to 400, 20 to 310°C and 179 to 600°C respectively are tabulated. There are 3 tables.

ASSOCIATION: Kazakhskiy gosudarstvennyy universitet im. S.M.Kirova.
(Kazakh State University imeni S.M.Kirov)

Card 2/2

VULIS, L.A., otv. red.; KASHKAROV, V.P., red.; KOSOV, N.D., red.;
PETROVA, N.M., red.; KASHKAROV, L.D., ~~tekhn.~~ red.

[Study of transfer processes. Problems in the theory of
relativity] Issledovanie protsessov perenosa. Voprosy
teorii otnositel'nosti. Alma-Ata, Uchpedgiz Kazakhskoi
SSR. 1960. 161 p. (Its Trudy, no.2) (MIRA 17:3)

1. Alma-Ata. Universitet.

L 10678-66 EWT(1)/EWT(m)/EWP(j)/T/EWP(t)/EWP(b)/HTC(m) LJP(c) JD/WW/RM

ACC NR: AP5028330

SOURCE CODE: UR/0057/65/035/011/2120/2125

AUTHOR: ^{44, 55} Kosov, N.D.; ^{44, 55} Kurlapov, L.I.ORG: ^{44, 55} Kazakh State University im. S.M.K rof, Alma-Ata (Kazakhskiy gosudarstvennyy universitet)

TITLE: Isobaric isothermal diffusion constants of several gases

SOURCE: Zhurnal tekhnicheskoy fiziki, v. 35, no. 11, 1965, 2120-2125

TOPIC TAGS: gas diffusion, secondary flow, hydrogen, helium, argon, carbon dioxide, pressure effect, *flow tube, flow rate, isobar, isothermal flow*

^{21, 44, 55} ABSTRACT: A technique has been devised whereby the baroeffect in the measurement of gas diffusion constants can be avoided and the diffusion constants can be measured under true isobaric conditions; this technique has been employed to measure the two diffusion constants of each of the following pairs of gases: H₂ and CO₂, H₂ and Ar, He and CO₂ and He and Ar. A diagram of the apparatus is shown in the figure. After the investigated gases from cylinders 1 passed through the reducers 2, drying tubes 3, monostats 4, buffer flasks 5, and capillary tubes 6, their flow rates were measured with the rheometers 7 and they entered the flow tubes A-A' and B-B'. Diffusion took place between the flow tubes through capillaries 8, as a result of which the gases leaving the flow tubes at A' and B' were mixtures. The compositions of the

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UDC: 533.15

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ACC NR: AP5028330

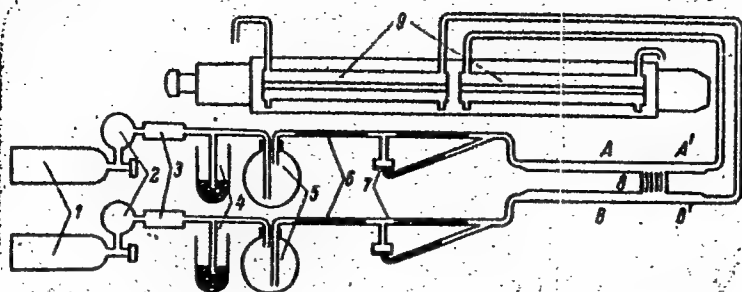


Diagram of the apparatus

effluent mixtures were determined by measuring their refractive indices with the Rayleigh interferometer 9. From the known flow rates of the pure gases entering the flow tubes at A, B and the compositions of the mixtures leaving at A', B', the diffusion currents through the capillaries were determined, and the diffusion constants were then calculated by integrating Fick's equation for the boundary conditions that the gases at the two ends of the capillaries are the pure components, assuming for the integration that the diffusion constants are independent of composition. By so adjusting the flow rates that the pressure was the same at both ends of the capillaries, the hydrodynamic flow through the capillaries, that in other techniques gives rise to the baroeffect, was avoided and the true isobaric diffusion constants

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ACC NR: AP5028330

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were obtained. In order to recognize when isobaric conditions had been achieved, two sets of capillaries 8 (each 5.5 cm long) were employed. The total cross section area of all the capillaries in each set was the same (12.5 mm^2), but one set consisted of 10 relatively large bore capillaries and the other set of 45 smaller ones. On changing from one set of capillaries to the other, therefore, any hydrodynamic flow through the capillaries due to a pressure difference would be considerably altered, while the diffusion flow would remain the same. When the flow rates had been so adjusted that the equilibrium compositions of the effluent gases remained the same when the capillaries were changed, therefore, the hydrodynamic flow was necessarily zero and the measured flow was due entirely to diffusion. In order to test the validity of the assumed boundary conditions at the ends of the capillaries, measurements were made at a number of mean flow rates from 0.5 to $10 \text{ cm}^3/\text{sec}$; no effect of the mean flow rate on the measured diffusion constant was found. For each pair of gases the two diffusion constants approximately satisfied the relation $D_{1j}/D_{j1} = (M_j/M_1)^{1/2}$, where D_{1j} is the diffusion constant of gas 1 in gas j and M_1 is the molecular weight of gas 1. From the measured separate diffusion constants for the H_2 - Ar and He - Ar systems, the magnitudes of the baroeffect in these systems were calculated and the results were compared with the measurements of P.Ye.Suyetin and P.V. Volobuyev (ZhTF 34, 1107, 1964). The agreement (within 25-50%) is considered satisfactory. For the H_2 - Ar system measurements were also made under such conditions that, owing to the presence of hydrodynamic flow in the capillaries, the two measured "diffusion constants" were equal. The value $0.86 \text{ cm}^2/\text{sec}$ obtained for the "diffusion constant" under these conditions is in good agreement with the value $0.83 \text{ cm}^2/\text{sec}$

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ACC NR: AP5028330

measured by R.A. Strechlow (J. Chem. Phys., 21, 2101, 1953). In a footnote the authors thank A.S. Predvoditelev for pointing out the necessity for making measurements at different average flow rates in order to test the validity of the boundary conditions under which Fick's equation was integrated. Orig. art. has: 11 formulas, 2 figures and 3 tables. 3

SUB CODE: 20

SUBM DATE: 06Mar65/

ORIG. REF: 003 OTH REF: 009

Card

4/4

L-50747-65 EWT(a)/EED-2/EWP(1) Pg-4/Pg-4/Pk-4 JP(c) BB/GG

ACCESSION NR: AP5015341

UR/O 86/65/000/009/0093/0093
681. 42

AUTHOR: Kessel'man, L. A.; Volkovskiy, V. L.; Koscv, N. L.

TITLE: Dividing unit. Class 42, No. 170757

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 160, 1965, 93

TOPIC TAGS: computer component, serial computer

ABSTRACT: This Author's Certificate introduces a dividing unit for a keyboard-operated serial electronic computer. The device contains three dynamic registers on a magnetic drum, a sequential adder and a control unit. The device is designed for simplified construction and high speed operation. The dividend keyboard is connected for serial input of the dividend through an "O" gate to the recording head of the dynamic register for intermediate remainders. The length of the register is twice the length of a remainder and contains two readout heads. One of the heads corresponds to the midpoint of the register and is connected through a valve to the adder input. The second head corresponds to the end of the register and is connected through another valve and through an "OR" gate to the recording head.

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ACCESSION NR: AP5015341

The other inputs of the valves are connected to the outputs of the control unit.

ASSOCIATION: none

SUBMITTED: 02Jan63

ENCL: 01

SUB CODE: DP

NO REF SOV: 000

OTHER: 000

Card 2/3

1. KOSOV, N.P.
2. USSR (600)
4. Agriculture
7. Olive crops. *KAZAN, TATGOSIZDAT, 1952*

9. Monthly List of Russian Accessions, Library of Congress, February, 1953. Unclassified.

KOSOV, N. F.

PAVLOV, M.I.; KOSOV, N.P.

[Fertilizing field crops in the Tatar A.S.S.R.] Udobrenie polevykh
kul'tur v Tatarskoi ASSR. Kazan', Tatknigoizdat, 1956. 121 p.
(Tatar A.S.S.R.--Fertilizers and manures) (MLRA 10:9)

KOSOV, N.P.

ZAMYATIN, A.A., inzh.; KOSOV, N.P., inzh.; ASLONOV, V.M.

Introducing modern machinery at the "Restsel'mash" plant. Trakt. i
sel'khoz mash. no.1:33-36 Ja '58. (MIRA 11:4)

1. Filial Nauchno-issledovatel'skogo instituta Traktorsel'khoz mash
(for Zamyatin, Kosov). 2. Starshiy tekhnolog Otdela gusenichnykh
traktorov zavoda Rostsel'mashina (for Aslonov).
(Rostov-on-Don--Agricultural machinery industry)

KOSOV, H.P.

Attachments for gripping by means of floating keys. Stan. 1 instr.
29 no.2:40 F '58. (MIRA 11:3)

(Milling machines--Attachments)

KOSOV, N.P.

High-speed pneumatic devices. Stan.1 instr. 29 no.11:35-36 H '58.
(Pneumatic machinery) (MIRA 11-11)

KOSOV, N.P.

Equipping machine tools. Stan. 1 instr. 30 no.1:34-36 Ja '59.

(MIRA 12:1)

(Machine tools--Attachments)

KOSOV, N.P.

Technology of making variator disks for SK-3 self-propelled combines. Trakt.i sel'khoz mash. no.1:37-39 Ja '60.
(MIRA 13:4)

1. Nauchno-issledovatel'skiy institut tekhnologii avtomobil'-nogo transporta i sel'skokhozyaystvennogo mashinostroyeniya Rostovskogo Sovnarkhosa.
(Combines(Agricultural machinery))

S/122/60/000/007/009/011
A161/A029

AUTHOR: Kosov, N.P., Engineer

TITLE: Automation of Universal Vertical Drilling and Milling Machines

PERIODICAL: Vestnik mashinostroyeniya, 1960, No. 7, pp. 66 - 69

TEXT: The article contains detailed design and operation information of two automatic attachments to a "2125" vertical drilling machine; the modernization of which has been described previously (by A.A. Dubasov, "Vestnik mashinostroyeniya", 1959, No. 11), and of an automated horizontal milling machine. The two attachments were designed by the author. The description is illustrated by detailed drawings. One of the attachments is designed for drilling holes at right angles to each other in two cylindrical parts of same diameter and different length. It consists of a three-spindle head, a feed device and a replaceable chute (Fig. 1, where the listed components are marked 1, 2 and 3, respectively) and is controlled by two push buttons - "start" and "cycle". Detailed operation description is illustrated by a circuit diagram (Fig. 2). The three-spindle head is shown in cross section view (Fig. 3). The feed device (Fig. 4) is pneumatic. The other attachment is for simultaneous drilling of two holes from top and bot-

Card 1/2

S/122/60/000/007/009/011
A161/A029

Automation of Universal Vertical Drilling and Milling Machines

tom; the drilling head has two spindles and the fed device is actuated by vertical travel of the machine spindle. The automated milling machine (Fig. 5) performs the milling of flutes on threading taps and reamers, grooves on round nuts, squares and other work. The work is installed on the eccentric two-center tailstock of the machine and fixed by a tang in the indexing head spindle (as shown in Fig. 5). When the electric motor is on, stops and limit switches reverse the machine table run and switch on the coil of an electro-pneumatic valve, after which air enters two air cylinders on the indexing head and it automatically turns one division. The pneumatic two-spindle head (Fig. 6) is similar in principle to another three-spindle automatic indexing head used in machines and performing from 3 to 30 divisions. This head may be used for milling grooves in a set of parts in three positions at the same time, or in three separate part sets requiring same number of indexing turns. There are 6 figures.

Card 2/2

KOSOV, N. P.

Pneumatic drive with a regulation of rod length. Mashinostroitel'
no.9:27 S '60. (MIRA 13:9)
(Machine tools--Pneumatic driving)

KOSOV, E.P., inzh.

Automation of machining on universal vertical drilling and milling
machines. Vest.mash. 40 no.7:66-69 J1 '60. (MIRA 13:7)
(Machine tools) (Automatic control)

KOSOV, N.P.

Automation of the multiple-purpose equipment. Trakt. 1 sel'khoz mash..31
no.3:42-44 Mr '61. (MIRA 14:3)

1. NIIM Rostovskogo sovarkhoza.
(Machine tools)

KOSOV, N.P.

Mechanization of finishing operations. Vest. mash. 41 no. 5:66-68
My '61. (MIRA 14:5)
(Metals—Finishing—Equipment and supplies)

VODOLAZSKIY, N.P., inzh.; KOSOV, N.P., inzh.

· Continuous mechanized line for machining stepped rolls on lathes.
Vest.mashinostr. 42 no.9:59-63 S '62. (MIRA 15:9)
(Lathes)

VODOLAZSKIY, N.P.; KOTOV, L.I.; KOSOV, N.P.

Automatic control of the IA616 screw-cutting lathe. Stan.1
instr. 33 no.11:38-40 N '62. (MIRA 15:11)
(Lathes--Numerical control)

KOSOV, N.P.

Mechanized machine-tool attachments. Stan. i instr. 34 no.9:
25-28 S '63. (MIRA 16:11)

KOSOV, Nikolay Petrovich; MALOV, A.N., prof., retsazent; IZAKOV,
N.N., kand. tekhn. nauk, dots., red.

[Means for increasing the productivity of metal cutting
operations] Sposoby povysheniya proizvoditel'nosti sta-
nochnykh operatsii. 2. izd. Moskva, Mashinostroenie,
1964. 187 p. (CJRA 17:20)

KOSOV, N.P., inzh.

Automatic machine-tool attachments. Vest.mashinostr. 44 no.3:
52-56 Mr '64. (MIRA 17:4)

KOSOV, Nikolay Petrovich; PINCHUK, A.P., red.

[Innovators' attachments for milling machines] Frezernye
prispособleniia novatorov. Rostov-na-Donu, Rostovskoe
knizhnoe izd-vo, 1964. 142 p. (MIRA 18:8)

KOSOV, N.P., inzh.

Replacing machining by other methods of metal forming.
Vest.mashinostr. 46 no.1:58-60 Ju '66.

(MIRA 19:1)

KOSOV, P.

KLEYTMAN, S., inzhener; KOSOV, P., inzhener.

Greater attention to collective farm truck transportation.
Avt.transp. 32 no.5:36-37 My '54. (MLRA 7:7)
(Farm equipment) (Motor trucks)

~~KLEYTMAN, S.~~ KOSOV, I.

KLEYTMAN, S.; KOSOV, P.

Maintenance and repair of automobiles of collective farms and
machine-tractor stations. Avt.transp. 32 no.11:34 N '54.
(Automobile--Repairing) (MLRA 8:3)

KOSOV, S.

AID - P-124

Subject : USSR/Aeronautics
Card : 1/1
Author : Kosov, S., Capt.
Title : On the Post of Squadron Commander
Periodical : Air Force Herald, 4, 24 - 28, Ap 1954
Abstract : A squadron commander's remarks about his unit. He gives some details about training, flying jet aircraft at low altitude, physical training, political training, etc.
Institution : None
Submitted : No date

KOSOV, S. I., podpolkovnik, voyennyy letchik pervogo klassa
APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000825130002-0"

Actions of the traffic controller. Vest.Vozd.Fl. no.9:37-40
S'60. (MIRA 13:10)
(Air traffic control)

KOSOV, V.

~~_____~~
Circular saw for cutting rabbets and grooves. Sel'.stoi. 10
no.3:18-19 Mr '55. (MLRA 8:6) .

1. Nachal'nik otдела po stroitel'stvu v kolxhozakh Iyubinskogo
rayona Omskoy oblasti.
(Saws)

SELYUNIN, A.; KOSOV, V.; SHCHERBAK, B.

Production of local building materials is growing. Sel'.stroil. 13
no.2:13 F '59. (MIRA 12:3)

1. Nachal'nik Urzhumskogo rayonnogo otdela po stroitel'stvu v kolkho-
zakh (for Selyunin). 2. Nachal'nik Lyubinskoy meshkolkhoznoy stroitel'-
noy kontory Omskoy oblasti (for Kosov). 3. Glavnyy inzhener oblastnogo
upravleniya po stroitel'stvu v kolkhozakh Ul'yankovskoy oblasti (for
Shcherbak).

(Building materials)

KOSOV, V. A.

DECEASED

See also KOSOV, V. A.

see ILC

1950, V. 1, Appendix 1

Using a balance frame for experimental determination of reduced
moments of inertia for rotating bodies. Int. J. Eng. Design. 1950;
mashtrostr. no. 6:70-80 (eq. 11.11.12)

1. Taganrogskiy radiotekhnicheskii institut.

KOSOV, V.I.; SOLOV'YEV, A.I.

Parallelogram-shaped device for an active control. Izv.vys.ucheb.
zav.; prib. 7 no.2:142-145 '64. (MIRA 18:4)

1. Taganrogskiy radiotekhnicheskiy ins'titut. Rekomendovana kafedroy
tekhnicheskoy mekhaniki.

KOSOV, V.I., aspirant

Experimental investigation of dynamic parameters of
reducing gears. Izv. vys. ucheb. zav.; mashinostr.
no.9:60-66 '65. (MIRA 18:11)

KOSOV, V. V.

24116 KOSOV, V. V. Blizhayskiye zadachi vodokhozyaystvennogo stroitel'stva.
Gidrotekhnika i melioratsiy, 1949, No. 1, S. 8-16.

SO: Letopis, No. 32, 1949.

KOSOV, V.V.

V.V. KOSOV (Deputy Minister of Agriculture USSR) Author of an article, "Pressing Problems on Water Conservation and Allied Constructions".

SO: Gidrotekhnika i Melioratsiya, No. 1, 2, 1949 uncl

1. KOSOV, V. [V.]
2. USSR (600)
4. Cotton Growing - Accounting
7. Lowering production cost on state cotton farms, Khlopkovodstvo, No. 9, 1952.
9. Monthly List of Russian Accessions, Library of Congress, February 1953, Unclassified.

KOSOV, V.V., red.; POLYAKOV, I.Ya., prof., doktor sel'skokhoz.nauk, red.;
STERNIN, I.V., red.; PECHENKIN, I.V., tekhn.red.

[Forecasting the appearance and calculating the prevalence of
plant diseases and agricultural pests] Prognoz poiyavleniia i uchet
vreditel' i boleznei sel'skokhoziaistvennykh kul'tur. Moskva,
Izd-vo M-va sel'.khoz. SSSR, 1958. 626 p. (MIRA 12:1)

1. Russia (1923- U.S.S.R.) Glavnaya gosudarstvennaya inspektsiya
po karantinu i zashchite rasteniy. 2. Nachal'nik Glavnoy gosu-
darstvennoy inspektaii po karantinu i zashchite rasteniy Minister-
stva sel'skogo khozyaystva SSSR (for Kosov). 3. Zaveduyushchiy
laboratoriyey prognozov razmnozheniya raznykh vreditel'ey sel'sko-
khoz. kul'tur Vsesoyuznogo nauchno-issledovatel'skogo instituta
zashchity rasteniy (for Polyakov).
(Plant diseases) (Agricultural pests)

USSR/General and Special Zoology. Insects. Insect P
and Mite Pests. Pests of Commercial, Oil-Bearing,
Medicinal and Essential Oil-Bearing Crops.

Abs Jour : Ref Zhur-Biol., No 20, 1958, 92159

Author : Kosov, V. V.
Inst :
Title : Cotton Pests and Diseases and Their
Control Measures.

Orig Pub : V sb.: Materialy Ob'yedin. nauchn. sessii po
khlopkovodstvu. T. 2, Tashkent, Gosizdat
UzSSR, 1958, 219-226

Abstract : No abstract.

Card : 1/1

KOSOV, V.V.

One of our immediate tasks is to rid grain fields from wide-spread
infestation with cutworm *Hadena basilina*. Zashch.rast.ot vred. 1
bol. 3 no.2:5-7 Mr-Ap '58. (MIRA 11:4)
(Grain--Diseases and pests) (Cutworms)

KOSOV, V.V.

Eighth Session of the European and Mediterranean Organization of
Plant Protection. Zashch. rast. ot vred. i bol. 3 no.5:59-60
S-0 '58. (MIRA 11:10)
(Paris--Plants, Protection of--Congresses)

KOSOV, V.V.

Problems of plant quarantine and protection. Zashch.rast.ot vred.
1 bol. 3 no.6:9-12 N-D '58. (MIRA 11:12)
(Plants, Protection of) (Plant quarantine)

Kosov, V.V.

- 1) A. P. Aleksandrov, A. I. Kuznetsov, and V. V. Kosov - Plans and Experiences in the Application of Electronic Computers for a Solution of the Freight Allocation Problem.
- 2) A. B. Belyaev - Prospects for the Use of Linear Programming in the Over-all Planning of Rolling Stock Delimitation.
- 3) Ya. G. Gerasimov - A Program for the Solution of Transport Problems on an Electronic Computer Involving Methods of Approximation by Means of Hypothetically Optimal Plans.
- 4) A. P. Kostin - An Optimal Freight Plan for the USSR Coal Industry.
5. Working Session - 17 December 1979, 1000 hours
V. V. Kosov - The Checkboard-Type Balance.
- 6) V. V. Kostin - Theoretical Problems of the Checkboard-Type Balance.
- 7) L. Ya. Kuznetsov - The Checkboard-Type Balance and the Planning of National Economy.
- 8) Ya. I. Chervinskii - Experience in Working by an Input-Output Balance for an Economic-Administrative Region.
- 9) V. S. Belyaev - Some Planning Calculations Based on the Input-Output Balance of an Economic Region.
- 10) V. V. Kosov - A Regional Model of Agricultural Production.
- 11) V. I. Dvornik, A. I. Klimenko - The Nature and Special Features of Special Regions.
12. Working Session - 17 December 1979, 1600 hours
V. V. Kosov - Mathematical Statistics.
- 13) Ya. M. Kuznetsov - Statistical Methods for Determining the Average Prices of Goods.
- 14) V. V. Kosov - The Consumption Elasticity Indicator and Its Practical Application in Studying the Market Level of Living.
- 15) P. P. Kuznetsov - Analytical Methods of Studying the Dependence of Consumption on Income.
- 16) L. M. Kuznetsov, V. V. Kosov - Statistics and the Use of Mathematical Methods in Economic Research.
- 17) V. V. Kosov - Research on Technical and Economic Laws in Mass-Consumption Retailing with the Aid of Correlation Theory.
- 18) V. V. Kosov - Application of Correlation Methods in the Analysis of Economic Operating Costs.

Report submitted at the Joint Conference on Problems in the Application of Mathematical Methods in Economic Research, Leningrad, 19-21 January 1980.

KOSOV, V.V.

Urgent tasks in plant protection. Zashch. rast. ot vred. i
bol. 5 no. 8:6-9 Ag '60. (MIRA 13:12)

1. Nachal'nik Gosudarstvennoy inspeksii po karantinu i
zashchite rasteniy Ministerstva sel'skogo khozyaystva SSSR.
(Plants, Protection of)

KOSOV, V. V.

Results of the 12th Soviet-Iranian conference on quarantine
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